



2013 – 2018 SOLID WASTE & RECYCLABLE CONTRACTS

SOLID WASTE OPERATIONS

ENVIRONMENTAL SERVICES

PUBLIC WORKS COMMISSION



LONG TERM SUSTAINABLE SOLID WASTE PLAN



ENHANCEMENTS TO SOLID WASTE MANAGEMENT PROGRAM

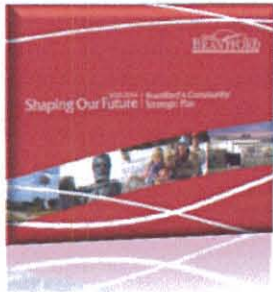
SHORT TERM

Program Enhancement	Targeted Achievement Date
Enhanced Promotion and Education Materials	• In progress and on-going
Increase Capacity and Convenience	• Completed Fall 2012
Enhanced Plastics Diversion	• Completed Fall 2012
Enhanced Multi-Residential Recycling	• In progress, Fall 2013
Garbage Bag or Container Limits	• Proposed 2014 or later
Material Bans	• Proposed 2015 or later

LONG TERM

“To achieve a residential waste diversion rate in the order of 60%, Brantford must implement a source separated household organics (SSO) collection and processing program”, Long Term Sustainable Solid Waste Plan, 2008

Best time to implement Household Organics Diversion Program would be at the commencement of the next Solid Waste Contracts



City's Strategic Plan

- Implement Long-Term Solid Waste Management Sustainability Plan
- Long Term Commitment to Achieving a residential Diversion Rate of 60% or higher
- Maximize waste disposal capacity at Mohawk Street Landfill Site



Current Provincial Goal

- Divert 60% or higher of the residential waste generated from disposal (June 2004)
- Targeted achievement date by end of 2008



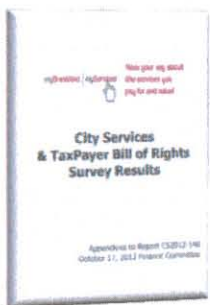
Current Diversion Program:

- Residential diversion rate at approximately 38%
- Blue Box Program scoring well on Best Practice questionnaire for Provincial Funding
- Overall Waste Management Program Services low complaints/concerns

Service Delivery Review and Consultation

Recent survey of City services rated Solid Waste Operations:

- Ranked **fourth** as **most important service** to respondents at **91.7%**
- **Highest** in **customer satisfaction** at **86.1%**



Service Levels:

Contract	Services Provided	Frequency
Landfill Operations	<ul style="list-style-type: none"> Disposal operations including; public drop-off, compost centre and transfer station, waste compaction, grass cutting, snow plowing, etc. 	<ul style="list-style-type: none"> Daily operations
Collection of Solid Wastes	<ul style="list-style-type: none"> Waste Collection (curbside and onsite at residential condominiums) Bulky Items (including appliances, metal, etc.) Yard Waste Collection 	<ul style="list-style-type: none"> Weekly collections Daily Collections (Downtown)
Collection of Recyclable Materials	<ul style="list-style-type: none"> Blue Box and Roll Cart Collections (curbside and onsite at residential condominiums) 	<ul style="list-style-type: none"> Weekly (two stream) collections Daily Collections (Downtown)
Receiving, Processing and Marketing of Recyclables Materials	<ul style="list-style-type: none"> Receiving, Sorting and Marketing of Blue Box Materials 	<ul style="list-style-type: none"> Two Stream processing
Household Hazardous Waste Day Events	<ul style="list-style-type: none"> Receiving, Transporting, Processing and Disposal of Household Hazardous Wastes 	<ul style="list-style-type: none"> 8 Event Days Per Year

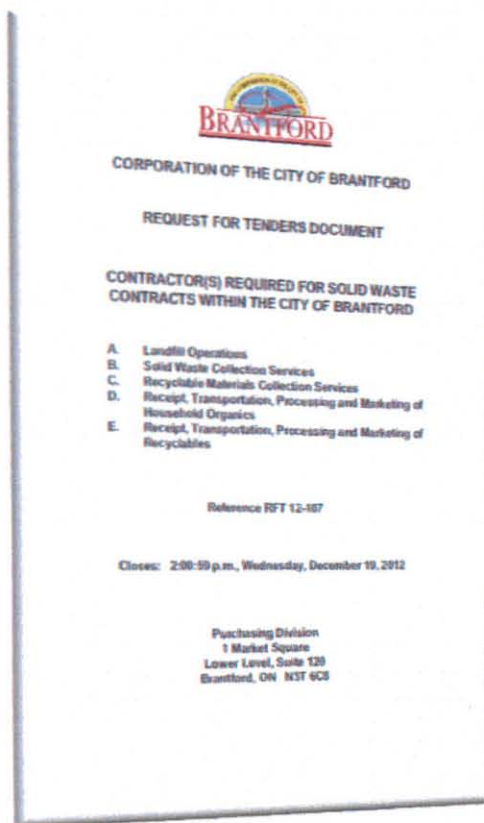
- Current contracts will end on October 31, 2013, except Household Hazardous Waste Day Events contract which ended on December 31, 2012

Goals

- Obtain competitive pricing :
 - 1) Existing Solid Waste Services
 - Landfill Operations
 - Curbside Garbage and Recycling collections
 - Processing and Marketing of Recyclable Materials
 - Household Hazardous Waste Day Events
 - 2) Proposed Household Organics Diversion Program
 - Curbside Collection, Processing and Marketing

Solid Waste Request for Tender (RFT) Highlights

- Most complex tender issued for Solid Waste Services
- Main contracts included 80 different bidding options
- Contract duration 5 years, plus two optional 1 year extensions
- Contract documents were issued to 12 contractors
- Staff responded to approximately 150 - 170 inquiries regarding contract documents
- Solid Waste Tenders issued November 30, 2012 and closed January 24, 2013
- Household Hazardous Waste Day Events tender issued under separate RFT on January 11, 2013 and closed on January 24, 2013



CONTRACT	OPERATION	PRICING OPTION
(A) Landfill Operations	<ul style="list-style-type: none"> Disposal operations including; public drop-off, compost centre and transfer station, waste compaction, grass cutting, snow plowing, etc. 	<ul style="list-style-type: none"> None applicable
(B) Collection of Solid Wastes	<ul style="list-style-type: none"> Regular Waste Collection Bulky Items (including appliances, metal, etc.) Yard waste collection 	<ul style="list-style-type: none"> Weekly collection of waste materials Weekly co-collection of Household Organics and waste materials (except Bulky Items) Bi-weekly collection of waste materials Separate weekly collection of yard wastes (April to Nov) Separate bi-weekly collection (April to September) and weekly collection (October to November) of yard wastes
(C) Collection of Recyclable Materials	<ul style="list-style-type: none"> Blue Box and Roll Cart Collections 	<ul style="list-style-type: none"> Weekly collection Weekly co-collection of Household Organics and Blue Box materials Bi-weekly collection Single Stream (no sorting at curbside) Two Stream (containers and fibres sorted at curbside)
(D) Receiving, Transporting, Processing and Marketing of Household Organics	<ul style="list-style-type: none"> Receiving, Transporting, Processing and Marketing of Residential Household Organics 	<ul style="list-style-type: none"> None applicable
(E) Receiving, Transporting, Processing and Marketing of Recyclables Materials	<ul style="list-style-type: none"> Receiving, Transporting, Sorting and Marketing of Blue Box Materials 	<ul style="list-style-type: none"> Single & Two Stream processing
Household Hazardous Waste Day Events	<ul style="list-style-type: none"> Receiving, Transporting, Sorting and Disposal of Household Hazardous Wastes 	<ul style="list-style-type: none"> None applicable

COMBINATION	CONTRACT GROUPING	INDIVIDUAL CONTRACTS
(A)	<ul style="list-style-type: none"> • Collection of Solid Wastes • Collection of Recyclable Materials 	<ul style="list-style-type: none"> • Landfill Operations • Receiving, Transporting, Processing and Marketing of Household Organics • Receiving, Transporting, Processing and Marketing of Recyclables Materials
(B)	<ul style="list-style-type: none"> • Collection of Solid Wastes • Collection of Recyclable Materials • Receiving, Transporting, Processing and Marketing of Recyclables Materials 	<ul style="list-style-type: none"> • Landfill Operations • Receiving, Transporting, Processing and Marketing of Household Organics
(C)	<ul style="list-style-type: none"> • Collection of Recyclable Materials • Receiving, Transporting, Processing and Marketing of Recyclables Materials 	<ul style="list-style-type: none"> • Collection of Solid Wastes • Landfill Operations • Receiving, Transporting, Processing and Marketing of Household Organics

- Provisional Options (collection contracts only)
 - Sunday collections Downtown
 - On site collections at Non-Profit Townhouses
- Pricing options and contract combinations used to prepare tables for bid submissions

CONTRACT	ANNUAL /UNIT ITEM PRICING COMPONENTS
(A) Landfill Operations	<ul style="list-style-type: none"> Annual Base Bid Price for daily disposal operations (staff, equipment, etc.) Estimated number of public drop-off lifts, yard wastes received, grass cutting and snow plowing/road salting events, etc.
(B) Collection of Solid Wastes	<ul style="list-style-type: none"> Annual Base Bid Price (office, staff, trucks, etc.) Estimated tonnage of regular waste (over specified base amount), Bulky Items (including appliances, metal, etc.) and yard waste collected at curbside Estimated tonnage of Household Organics collected at curbside
(C) Collection of Recyclable Materials	<ul style="list-style-type: none"> Annual Base Bid Price (office, staff, trucks, etc.) Estimated tonnage for recyclable materials collected (over specified base amount) Estimated tonnage of Household Organics collected at curbside
(D) Receiving, Transporting, Processing and Marketing of Household Organics	<ul style="list-style-type: none"> Estimated tonnage of Household Organics received at Transfer Station
(E) Receiving, Transporting, Processing and Marketing of Recyclables Materials	<ul style="list-style-type: none"> Estimated tonnage of Recyclable Materials received at Transfer Station
Household Hazardous Waste Day Events	<ul style="list-style-type: none"> Flat Fee per Event Day for operating event days Estimated number of various materials collected at events

Annual Contract Bid Price =

$$\text{Annual Base Bid Price}^{**} + \left[\text{Unit Pricing} \times \begin{array}{l} \text{(Num. of Unit rate items)} \\ \text{or} \\ \text{(Estimated tonnage of} \\ \text{materials collected/processed)} \end{array} \right]$$

** - not included in contracts (D), (E) or Household Hazardous Waste Day Events



REQUEST FOR TENDERS

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➤ Form of Tender - Bidding Options Example

FORM OF TENDER: CITY OF BRANTFORD - SOLID WASTE AND RECYCLABLE MATERIALS CONTRACTS
GROUPING: Combination #1: B - Solid Waste Collection + C - Recyclable Materials Collection

	B - Solid Waste Collections Services						C - Recyclable Materials Collection Service						
	Annual Base Bid Price	Weekly Solid Waste Collection Tonnage Rate	Bi-Weekly Solid Waste Collection Tonnage Rate	Weekly Co-collection Tonnage Rate	Weekly Yard Waste Tonnage Rate	Bi-Weekly Yard Waste Tonnage Rate	Annual Base Bid Price	Weekly Recyclable Materials Collection Tonnage Rate Two Stream	Weekly Recyclable Materials Collection Tonnage Rate Single Stream	Bi-Weekly Recyclable Materials Collection Tonnage Rate Two Stream	Bi-Weekly Recyclable Materials Collection Tonnage Rate Single Stream	Weekly Co-collection Recyclable Materials Tonnage Rate and Household Organics Tonnage Rate	
Option 1 Weekly Solid Waste Collection, Weekly Recyclable Materials Collection - Two Stream and Weekly Yard Waste Collection	(\$/annum)	$\frac{\$7,000}{\text{tonne}}$ = \$0.00 \$/annum			$\frac{\$4,400}{\text{tonne}}$ = \$0.00 \$/annum		(\$/annum)	$\frac{\$2,000}{\text{tonne}}$ = \$0.00 \$/annum					Option 1 Total Annual Bid Price = \$0.00
Option 2 Weekly Solid Waste Collection Weekly Recyclable Materials Collection - Single Stream and Weekly Yard Waste Collection	(\$/annum)	$\frac{\$7,000}{\text{tonne}}$ = \$0.00 \$/annum			$\frac{\$4,400}{\text{tonne}}$ = \$0.00 \$/annum		(\$/annum)		$\frac{\$2,000}{\text{tonne}}$ = \$0.00 \$/annum				Option 2 Total Annual Bid Price = \$0.00
Option 3 Weekly Solid Waste Collection Weekly Recyclable Materials Collection - Two Stream and Bi-Weekly Yard Waste Collection	(\$/annum)	$\frac{\$7,000}{\text{tonne}}$ = \$0.00 \$/annum				$\frac{\$4,400}{\text{tonne}}$ = \$0.00 \$/annum	(\$/annum)	$\frac{\$2,000}{\text{tonne}}$ = \$0.00 \$/annum					Option 3 Total Annual Bid Price = \$0.00
Option 4 Weekly Solid Waste Collection Weekly Recyclable Materials Collection - Single Stream and Bi-Weekly Yard Waste Collection	(\$/annum)	$\frac{\$7,000}{\text{tonne}}$ = \$0.00 \$/annum				$\frac{\$4,400}{\text{tonne}}$ = \$0.00 \$/annum	(\$/annum)		$\frac{\$2,000}{\text{tonne}}$ = \$0.00 \$/annum				Option 4 Total Annual Bid Price = \$0.00
Option 5 Weekly Co-collection of Household Organics with Solid Waste Bi-Weekly Recyclable Materials Collection - Two Stream and Weekly Yard Waste Collection	(\$/annum)			$\frac{\$7,000}{\text{tonne}}$ = \$0.00 \$/annum	$\frac{\$4,400}{\text{tonne}}$ = \$0.00 \$/annum		(\$/annum)			$\frac{\$2,000}{\text{tonne}}$ = \$0.00 \$/annum			Option 5 Total Annual Bid Price = \$0.00
Option 6 Weekly Co-collection of Household Organics with Solid Waste Bi-Weekly Recyclable Materials Collection - Single Stream and Weekly Yard Waste Collection	(\$/annum)			$\frac{\$7,000}{\text{tonne}}$ = \$0.00 \$/annum	$\frac{\$4,400}{\text{tonne}}$ = \$0.00 \$/annum		(\$/annum)				$\frac{\$2,000}{\text{tonne}}$ = \$0.00 \$/annum		Option 6 Total Annual Bid Price = \$0.00
Option 7 Weekly Co-collection of Household Organics with Solid Waste Bi-Weekly Recyclable Materials Collection - Two Stream and Bi-Weekly Yard Waste Collection	(\$/annum)			$\frac{\$7,000}{\text{tonne}}$ = \$0.00 \$/annum		$\frac{\$4,400}{\text{tonne}}$ = \$0.00 \$/annum	(\$/annum)			$\frac{\$2,000}{\text{tonne}}$ = \$0.00 \$/annum			Option 7 Total Annual Bid Price = \$0.00
Option 8 Weekly Co-collection of Household Organics with Solid Waste Bi-Weekly Recyclable Materials Collection - Single Stream and Bi-Weekly Yard Waste Collection	(\$/annum)			$\frac{\$7,000}{\text{tonne}}$ = \$0.00 \$/annum		$\frac{\$4,400}{\text{tonne}}$ = \$0.00 \$/annum	(\$/annum)				$\frac{\$2,000}{\text{tonne}}$ = \$0.00 \$/annum		Option 8 Total Annual Bid Price = \$0.00
Option 9 Bi-Weekly Solid Waste Collection Weekly Co-collection of Household Organics with Recyclable Materials - Single Stream and Weekly Yard Waste Collection	(\$/annum)		$\frac{\$7,000}{\text{tonne}}$ = \$0.00 \$/annum		$\frac{\$4,400}{\text{tonne}}$ = \$0.00 \$/annum		(\$/annum)					$\frac{\$2,000}{\text{tonne}}$ = \$0.00 \$/annum + $\frac{\$3,200}{\text{tonne}}$ = \$0.00 \$/annum	Option 9 Total Annual Bid Price = \$0.00
Option 10 Bi-Weekly Solid Waste Collection Weekly Co-collection of Household Organics with Recyclable Materials - Single Stream and Bi-Weekly Yard Waste Collection	(\$/annum)		$\frac{\$7,000}{\text{tonne}}$ = \$0.00 \$/annum			$\frac{\$4,400}{\text{tonne}}$ = \$0.00 \$/annum	(\$/annum)					$\frac{\$2,000}{\text{tonne}}$ = \$0.00 \$/annum + $\frac{\$3,200}{\text{tonne}}$ = \$0.00 \$/annum	Option 10 Total Annual Bid Price = \$0.00
Option 11 Weekly Solid Waste Collection Weekly Co-collection of Household Organics with Recyclable Materials - Single Stream and Weekly Yard Waste Collection	(\$/annum)	$\frac{\$7,000}{\text{tonne}}$ = \$0.00 \$/annum			$\frac{\$4,400}{\text{tonne}}$ = \$0.00 \$/annum		(\$/annum)					$\frac{\$2,000}{\text{tonne}}$ = \$0.00 \$/annum + $\frac{\$3,200}{\text{tonne}}$ = \$0.00 \$/annum	Option 11 Total Annual Bid Price = \$0.00

➤ Individual Contracts

CONTRACT	NUMBER OF BIDS RECEIVED
Landfill Operations	2
Collection of Solid Wastes	4
Collection of Recyclable Materials	4
Receiving, Transporting, Processing and Marketing of Household Organics	0
Receiving, Transporting, Processing and Marketing of Recyclables Materials	5
Household Hazardous Waste Day Events	1

➤ Combination Contracts

COMBINATION	CONTRACT GROUPING	NUMBER OF BIDS RECEIVED
(A)	<ul style="list-style-type: none"> • Collection of Solid Wastes • Collection of Recyclable Materials 	5
(B)	<ul style="list-style-type: none"> • Collection of Solid Wastes • Collection of Recyclable Materials • Receiving, Transporting, Processing and Marketing of Recyclables Materials 	1
(C)	<ul style="list-style-type: none"> • Collection of Recyclable Materials • Receiving, Transporting, Processing and Marketing of Recyclables Materials 	2

CONTRACT	NUMBER OF BIDS RECEIVED
Landfill Operations	2
Collection of Solid Wastes	4
Collection of Recyclable Materials	4
Receiving, Transporting, Processing and Marketing of Household Organics	0
Receiving, Transporting, Processing and Marketing of Recyclables Materials	5
Household Hazardous Waste Day Events	1

Overall Impact of NO BID result - City cannot offer Household Organics Diversion Program to residents at commencement of Solid Waste Contracts

- **Moving forward staff will investigate alternative options**
- **Capital funds can be returned to reserve accounts**
(i.e. no organic carts or kitchen catchers to purchase and distribute)

ANALYSIS OF SUBMISSIONS

12

1	B	C	E	BiW SW + BiW YW + BiW BB 2ST + 2ST PRO
2	B	C	E	BiW SW + BiW YW + BiW BB 1ST + 1ST PRO
3	B	C	E	BiW SW + W YW + BiW BB 2ST + 2ST PRO
4	B	C	E	BiW SW + W YW + BiW BB 1ST + 1ST PRO
5	B	C+E		BiW SW + BiW YW + BiW BB 1ST + 1ST PRO
6	B	C+E		BiW SW + BiW YW + BiW BB 2ST + 2ST PRO
7	B	C+E		BiW SW + W YW + BiW BB 1ST + 1ST PRO
8	B	C+E		BiW SW + W YW + BiW BB 2ST + 2ST PRO
9	B+C		E	W SW + BiW YW + BiW BB 1ST + 1ST PRO
10	B	C	E	W SW + BiW YW + BiW BB 2ST + 2ST PRO
11	B	C	E	W SW + BiW YW + BiW BB 1ST + 1ST PRO
12	B	C	E	BiW SW + BiW YW + W BB 2ST + 2ST PRO
13	B	C	E	BiW SW + W YW + W BB 2ST + 2ST PRO
14	B	C	E	W SW + W YW + BiW BB 2ST + 2ST PRO
15	B	C	E	BiW SW + BiW YW + W BB 1ST + 1ST PRO
16	B	C+E		BiW SW + BiW YW + W BB 1ST + 1ST PRO
17	B	C	E	W SW + W YW + BiW BB 1ST + 1ST PRO
18	B+C		E	W SW + BiW YW + BiW BB 2ST + 2ST PRO
19	B	C+E		WSW + BiW YW + BiW BB 1ST + 1ST PRO
20	B+C		E	W SW + W YW + BiW BB 1ST + 1ST PRO
21	B	C+E		WSW + BiW YW + BiW BB 2ST + 2ST PRO
22	B	C+E		BiW SW + BiW YW + W BB 2ST + 2ST PRO
23	B	C	E	BiW SW + W YW + W BB 1ST + 1ST PRO
24	B	C+E		BiSW + W YW + W BB 1ST + 1ST PRO
25	B+C		E	W SW + W YW + BiW BB 2ST + 2ST PRO
26	B	C+E		WSW + W YW + BiW BB 1ST + 1ST PRO
27	B	C+E		BiW SW + W YW + W BB 2ST + 2ST PRO
28	B	C+E		W SW + W YW + BiW BB 2ST + 2ST PRO
29	B+C+E			W SW + BiW YW + BiW BB 1ST + 1ST PRO
30	B+C+E			W SW + BiW YW + BiW BB 2ST + 2ST PRO
31	B+C		E	W SW + BiW YW + W BB 1ST + 1ST PRO
32	B	C	E	W SW + BiW YW + W BB 2ST + 2ST PRO
33	B+C		E	W SW + BiW YW + W BB 2ST + 2ST PRO
34	B+C		E	W SW + W YW + W BB 1ST + 1ST PRO
35	B+C+E			W SW + W YW + BiW BB 1ST + 1ST PRO
36	B+C+E			W SW + W YW + BiW BB 2ST + 2ST PRO
37	B	C	E	W SW + Bi YW + W BB 1ST + 1ST PRO
38	B	C+E		W SW + BiW YW + W BB 1ST + 1ST PRO
39	B	C	E	W SW + W YW + W BB 2ST + 2ST PRO
40	B+C		E	W SW + W YW + W BB 2ST + 2ST PRO
41	B	C+E		W SW + BiW YW + W BB 2ST + 2ST PRO
42	B	C	E	W SW + W YW + W BB 1ST + 1ST PRO
43	B	C+E		W SW + W YW + W BB 1ST + 1ST PRO
44	B	C+E		W SW + W YW + W BB 2ST + 2ST PRO
45	B+C+E			W SW + BiW YW + W BB 1ST + 1ST PRO
46	B+C+E			W SW + BiW YW + W BB 2ST + 2ST PRO
47	B+C+E			W SW + W YW + W BB 1ST + 1ST PRO
48	B+C+E			W SW + W YW + W BB 2ST + 2ST PRO

Lowest Price Bid Combination

Total of 48 possible bid combinations to review

B - Solid Waste Collection
C - Blue Box Materials Collection
E - Blue Box Materials Processing

W	Weekly
BiW	Bi Weekly
SW	Solid Waste
YW	Yard Waste
BB	Blue Box Material
1ST	Single Stream
2ST	Two Stream
PRO	Processing

Highest Price Bid Combination

ANALYSIS OF SUBMISSIONS

13

1	B	C	E	BiW SW + BiW YW + BiW BB 2ST + 2ST PRO
2	B	C	E	BiW SW + BiW YW + BiW BB 1ST + 1ST PRO
3	B	C	E	BiW SW + W YW + BiW BB 2ST + 2ST PRO
4	B	C	E	BiW SW + W YW + BiW BB 1ST + 1ST PRO
5	B	C+E		BiW SW + BiW YW + BiW BB 1ST + 1ST PRO
6	B	C+E		BiW SW + BiW YW + BiW BB 2ST + 2ST PRO
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17	B	C	E	W SW + W YW + BiW BB 1ST + 1ST PRO
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20	B+C		E	W SW + W YW + BiW BB 1ST + 1ST PRO
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23	B	C	E	BiW SW + W YW + W BB 1ST + 1ST PRO
24	B	C+E		BiW SW + W YW + W BB 1ST + 1ST PRO
25	B+C		E	W SW + W YW + BiW BB 2ST + 2ST PRO
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27	B	C+E		BiW SW + W YW + W BB 2ST + 2ST PRO
28	B	C+E		W SW + W YW + BiW BB 2ST + 2ST PRO
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30	B+C+E			W SW + BiW YW + BiW BB 2ST + 2ST PRO
31	B+C		E	W SW + BiW YW + W BB 1ST + 1ST PRO
32	B	C	E	W SW + BiW YW + W BB 2ST + 2ST PRO
33	B+C		E	W SW + BiW YW + W BB 2ST + 2ST PRO
34	B+C		E	W SW + W YW + W BB 1ST + 1ST PRO
35	B+C+E			W SW + W YW + BiW BB 1ST + 1ST PRO
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40	B+C		E	W SW + W YW + W BB 2ST + 2ST PRO
41	B	C+E		W SW + BiW YW + W BB 2ST + 2ST PRO
42	B	C	E	W SW + W YW + W BB 1ST + 1ST PRO
43	B	C+E		W SW + W YW + W BB 1ST + 1ST PRO
44	B	C+E		W SW + W YW + W BB 2ST + 2ST PRO
45	B+C+E			W SW + BiW YW + W BB 1ST + 1ST PRO
46	B+C+E			W SW + BiW YW + W BB 2ST + 2ST PRO
47	B+C+E			W SW + W YW + W BB 1ST + 1ST PRO
48	B+C+E			W SW + W YW + W BB 2ST + 2ST PRO

1 - \$4,724,638.21

Focus review on 3 Bid Combinations :

1. Lowest Cost
2. Current Service Levels (Status Quo)
3. Modified Status Quo (recommended option)

B - Solid Waste Collection
C - Blue Box Materials Collection
E - Blue Box Materials Processing

W Weekly
 BiW Bi Weekly
 SW Solid Waste
 YW Yard Waste
 BB Blue Box Material
 1ST Single Stream
 2ST Two Stream
 PRO Processing

3 - \$5,473,338.24

2 - \$5,538,729.05

ANALYSIS OF SUBMISSIONS

14

1	B	C	E	BiW SW + BiW YW + BiW BB 2ST + 2ST PRO
2	B	C	E	BiW SW + BiW YW + BiW BB 1ST + 1ST PRO
3	B	C	E	BiW SW + W YW + BiW BB 2ST + 2ST PRO
4	B	C	E	BiW SW + W YW + BiW BB 1ST + 1ST PRO
5	B	C+E		BiW SW + BiW YW + BiW BB 1ST + 1ST PRO
6	B	C+E		BiW SW + BiW YW + BiW BB 2ST + 2ST PRO
7	B	C+E		BiW SW + W YW + BiW BB 1ST + 1ST PRO
8	B	C+E		BiW SW + W YW + BiW BB 2ST + 2ST PRO
9	B+C		E	W SW + BiW YW + BiW BB 1ST + 1ST PRO
10	B	C	E	W SW + BiW YW + BiW BB 2ST + 2ST PRO
11	B	C	E	W SW + BiW YW + BiW BB 1ST + 1ST PRO
12	B	C	E	BiW SW + BiW YW + W BB 2ST + 2ST PRO
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18	B+C		E	W SW + BiW YW + BiW BB 2ST + 2ST PRO
19	B	C+E		WSW + BiW YW + BiW BB 1ST + 1ST PRO
20	B+C		E	W SW + W YW + BiW BB 1ST + 1ST PRO
21	B	C+E		WSW + BiW YW + BiW BB 2ST + 2ST PRO
22	B	C+E		BiW SW + BiW YW + W BB 2ST + 2ST PRO
23	B	C	E	BiW SW + W YW + W BB 1ST + 1ST PRO
24	B	C+E		BiSW + W YW + W BB 1ST + 1ST PRO
25	B+C		E	W SW + W YW + BiW BB 2ST + 2ST PRO
26	B	C+E		WSW + W YW + BiW BB 1ST + 1ST PRO
27	B	C+E		BiW SW + W YW + W BB 2ST + 2ST PRO
28	B	C+E		W SW + W YW + BiW BB 2ST + 2ST PRO
29	B+C+E			W SW + BiW YW + BiW BB 1ST + 1ST PRO
30	B+C+E			W SW + BiW YW + BiW BB 2ST + 2ST PRO
31	B+C		E	W SW + BiW YW + W BB 1ST + 1ST PRO
32	B	C	E	W SW + BiW YW + W BB 2ST + 2ST PRO
33	B+C		E	W SW + BiW YW + W BB 2ST + 2ST PRO
34	B+C		E	W SW + W YW + W BB 1ST + 1ST PRO
35	B+C+E			W SW + W YW + BiW BB 1ST + 1ST PRO
36	B+C+E			W SW + W YW + BiW BB 2ST + 2ST PRO
37	B	C	E	W SW + BiW YW + W BB 1ST + 1ST PRO
38	B	C+E		W SW + BiW YW + W BB 1ST + 1ST PRO
39	B	C	E	W SW + W YW + W BB 2ST + 2ST PRO
40	B+C		E	W SW + W YW + W BB 2ST + 2ST PRO
41	B	C+E		W SW + BiW YW + W BB 2ST + 2ST PRO
42	B	C	E	W SW + W YW + W BB 1ST + 1ST PRO
43	B	C+E		W SW + W YW + W BB 1ST + 1ST PRO
44	B	C+E		W SW + W YW + W BB 2ST + 2ST PRO
45	B+C+E			W SW + BiW YW + W BB 1ST + 1ST PRO
46	B+C+E			W SW + BiW YW + W BB 2ST + 2ST PRO
47	B+C+E			W SW + W YW + W BB 1ST + 1ST PRO
48	B+C+E			W SW + W YW + W BB 2ST + 2ST PRO

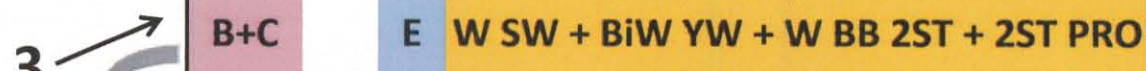


Lowest cost option but with majority of service levels modified. Significant service level changes to residents.

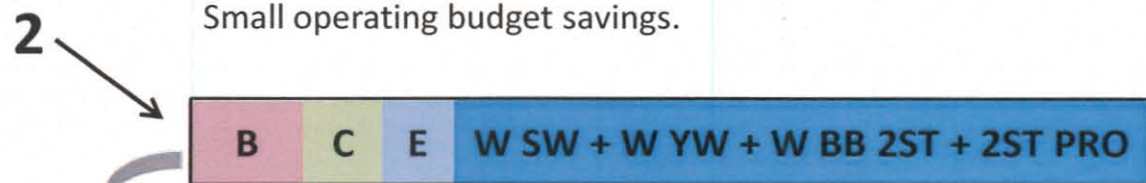
Majority of bid combinations which alter core service levels with no additional diversion options provided

B - Solid Waste Collection
C - Blue Box Materials Collection
E - Blue Box Materials Processing

W Weekly
 BiW Bi Weekly
 SW Solid Waste
 YW Yard Waste
 BB Blue Box Material
 1ST Single Stream
 2ST Two Stream
 PRO Processing



Small change to service levels with bi-weekly Yard Waste collections (but only April – September).
 Small operating budget savings.



Status quo service levels. No change to residents.

RECOMMENDED TENDER OPTION – Contract Pricing Summary

	Landfill Operations	Garbage Collection	Recycling Collection	Processing Blue Box Materials	Household Hazardous Waste Day Events (HHW)	Estimated Operating Budget Contracted Services
Bid Pricing	\$1,562,536.71	\$3,086,222.03		\$635,800*	\$188,779.50	\$5,473,338.24**
Contractor	Future Waste Systems	BFI Canada Inc.		Region of Niagara	Hotz Environmental	

* - Not including revenues from the sale of recyclable materials. ** - Does not include Provisional Items.

RECOMMENDED TENDER OPTION – Estimated Impacts to Contracted Services Budget

Operating Year	Landfill Operations	Garbage Collection	Recycling Collection	Processing Blue Box Materials	Household Hazardous Waste Day Events (HHW)	Estimated Operating Budget Contracted Services
Bid Pricing	\$1,562,536.71	\$3,086,222.03		\$635,800	\$188,779.50	\$5,473,338.24
2013*	\$1,097,351	\$3,622,847		\$630,903	\$196,500	\$5,547,602
2013**	\$77,531	(\$89,438)		\$816	(\$7,721)	(\$18,812)***

* - Approved Contracted Services Operating Budget ** - Estimated 2013 Budget Impacts (two months), except HHW contract *** - Does not incl. Provisional Items

- **Contracts commence**
 - ➡ November 1, 2013 - Solid Waste Contracts
 - ➡ April 1, 2013 - HHW contract
- **Annualized cost savings for contracts estimated to be approximately \$74,200**
 - Dependent on annual tonnages collected and processed, number of lifts at drop off area, etc.
- **Inflation Adjustments**
 - ➡ November 1, 2014 - Solid Waste Contracts
 - ➡ April 1, 2014 - HHW contract



RECOMMENDED TENDER BID SUBMISSION

Benefits

- Provides some savings to operating budget for contracted services
- Provincial funding is maintained (i.e. high Best Practice scores on annual audit)
- Only small change to existing service levels (i.e. expect most residents will adapt easily)
- Two stream processing for Blue Box materials (i.e. lower residuals for high value revenue stream)
- Recommended bid from current local contractor with excellent service record
- Combining both collection contracts with one contractor provides operating and administrative efficiencies
- Implementation of bi-weekly yard waste collections not until 2014
- Promotion & Education activities for implementation of bi-weekly yard waste collections can be completed within approved operating budget

Challenges

- No significant increase in residential diversion rate
- No Household Organics Diversion Program for near future



➤ Pricing for Provisional Items – Recommended Bid Submission

ITEM	SERVICE OPTION	BIDDER COST
(A)	<ul style="list-style-type: none">• Sunday collection of Solid Wastes (Downtown)• Sunday collection of Recyclable Materials (Downtown)	\$38,480
(B)	<ul style="list-style-type: none">• On-site collection of Solid Wastes at Non Profit Townhouses• On-site collection of Recyclable Materials at Non Profit Townhouses	\$55,000

➤ Considerations :

- Staff investigation underway regarding servicing of Downtown Area
- Pilot for on-site pick up program at non-profit townhouses currently underway until November 1, 2013

➤ Staff recommendations :

- 1) Review and consider provisional servicing costs for Sunday collections in Downtown Area with staff report (i.e. September 2013)
- 2) Review and consider provisional on-site servicing costs for Non-Profit Townhouses after conclusion of pilot and staff report (i.e. November 2013)

City's Strategic Plan

- Achieve a residential diversion rate of 60% or higher
- Maximize waste disposal capacity at Mohawk Street Landfill Site
- **Investigate and report on alternative options for Organics Diversion Program for review and consideration by Council**



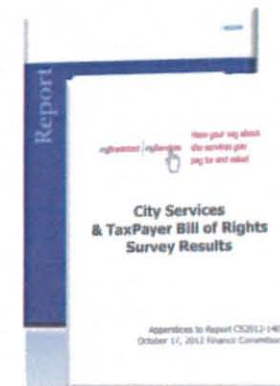
Provincial Perspective

- Provincial Goal since 2004 achieve 60% waste diversion
- Goal not a regulatory requirement
- **Recommend reporting "NO BID" result for Organics Diversion to Province**



Community Feedback

- **Highest levels of customer satisfaction** with Waste Management Program services
- Public consultation in 2008 indicated strong support for Household Organics Diversion Program



Tender Results

- Recommend accepting bid combination that maintains most core service levels (i.e. **provides best opportunity to maintain high level of customer satisfaction**)
- Recommended bid option provides some operating budget savings
- Capital funds returned to Reserve accounts for future improvement projects
- **Council consider Provisional Service options after review of staff reports**



? DISCUSSION ?

